

## CLAIMS

1. A method of reducing the vapour pressure (RVP) of a gasoline/alcohol mixture which comprises adding surfactant composition an alkanolamide, an alkoxyated alcohol and an alkoxyated fatty acid, or an ester thereof, to a gasoline/alcohol mixture wherein the vapour pressure is less than 0.48 atmospheres.

2. A method according to claim 1, wherein the vapour pressure (RVP) is between 0.41 and 0.48 atmospheres.

3. A method according to claim 2, wherein the alkanolamide is a diethanolamide.

4. A method according to claim 1, wherein the nitrogen in the diethanolamide is substituted by an alkyl C<sub>5</sub> to C<sub>20</sub> substituent.

5. A method according to claim 3, wherein the diethanolamide is a lauryl diethanolamide.

6. A method according to claim 1, wherein the alkoxyated alcohol is an ethoxyated alcohol.

- 5 7. A method according to claim 6, wherein the ethoxylated alcohol is a C<sub>5</sub> to C<sub>15</sub> alkanol.
- 10 8. A method according to claim 6, wherein the ethoxylated alcohol comprises a mixture of alkanols in which one alkanol predominates.
- 15 9. A method according to claim 6, wherein the predominant alkanol is a C<sub>9</sub> to C<sub>11</sub> alkanol.
- 10 10. A method according to claim 6, wherein the ethoxylate to alcohol ratio is from between 1 and 5.
- 20 11. A method according to claim 6, wherein the ethoxylated alcohol is NEODOL 91/2.5.
- 25 12. A method according to claim 1, wherein in that the fatty acid group is a C<sub>8</sub> to C<sub>20</sub> fatty acid.
13. A method according to claim 12, wherein the fatty acid group is a C<sub>14</sub> fatty acid (myristic acid).
14. A method according to claim 1, characterised in that the ester moiety of

5 the fatty acid ester is an alkyl ester.

15. A method according to claim 14, wherein the alkyl group is a  $C_1$  to  $C_{10}$  alkyl.

10 16. A method according to claim 1, wherein the composition comprises 25v/v of the fatty acid ester.

15 17. A method according to claim 1, wherein the composition comprises 50% v/v of the alcohol ethoxylate.

18. A method according to claim 1, wherein the surfactant additive to fuel/alcohol ratio is from 0.5:1200 to 1:1000.

20 19. The use of a surfactant composition comprising an alkanolamide, an alkoxyated alcohol and an alkoxyated fatty acid ester in the manufacture of a gasoline/alcohol fuel composition having a vapour pressure (RVP) of less than 0.48 atmospheres.

25 20. A method of manufacturing a mixture comprising gasoline, alcohol and a surfactant composition, said surfactant composition comprising an alkanolamide, an ethoxylated alcohol and alkoxyated fatty acid, wherein the method includes the steps of blending the alcohol and surfactant followed by blending with gasoline.